

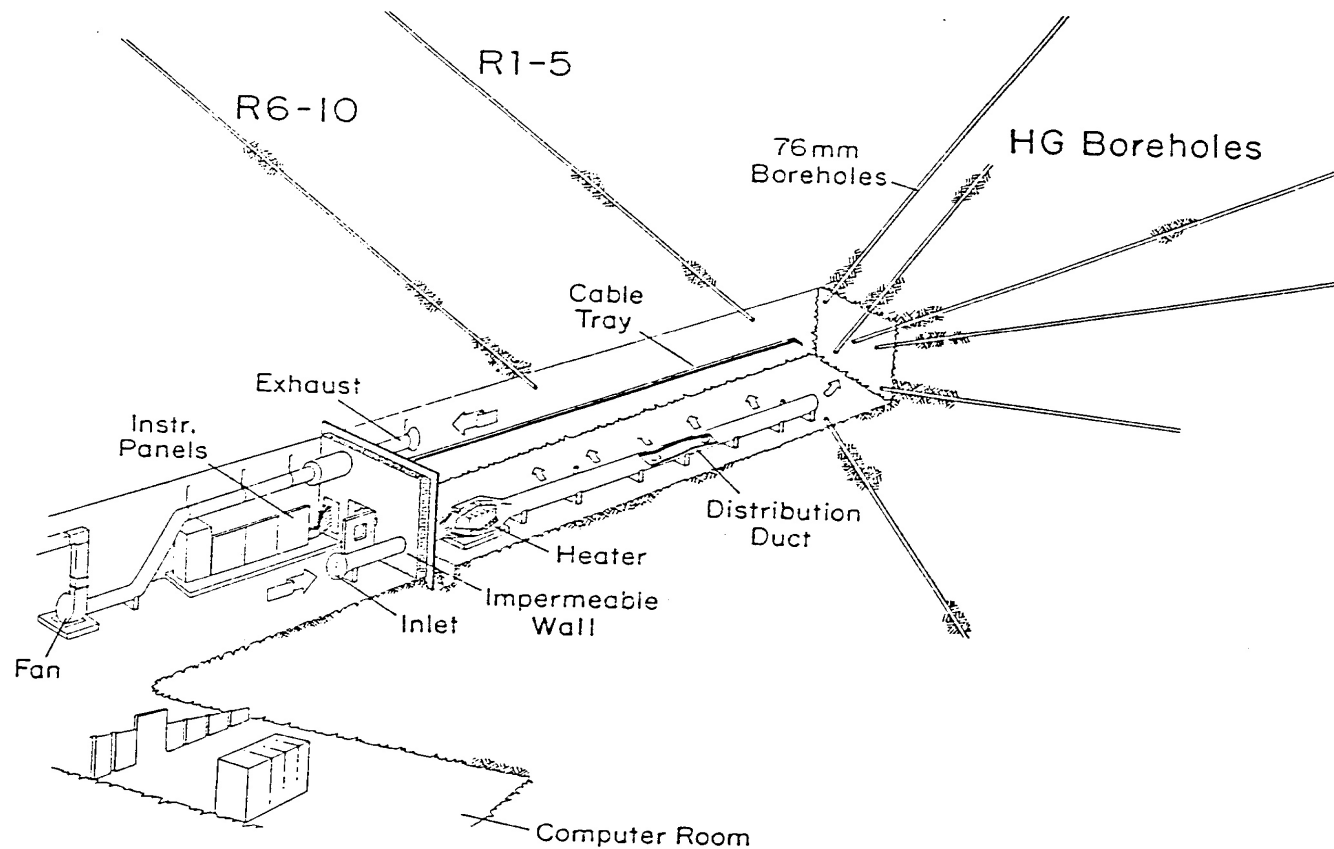
Plan view of experimental area about 330m underground at Stripa.

Coordinate system refers to mine coordinates in meters.

[after Gale, 1981]



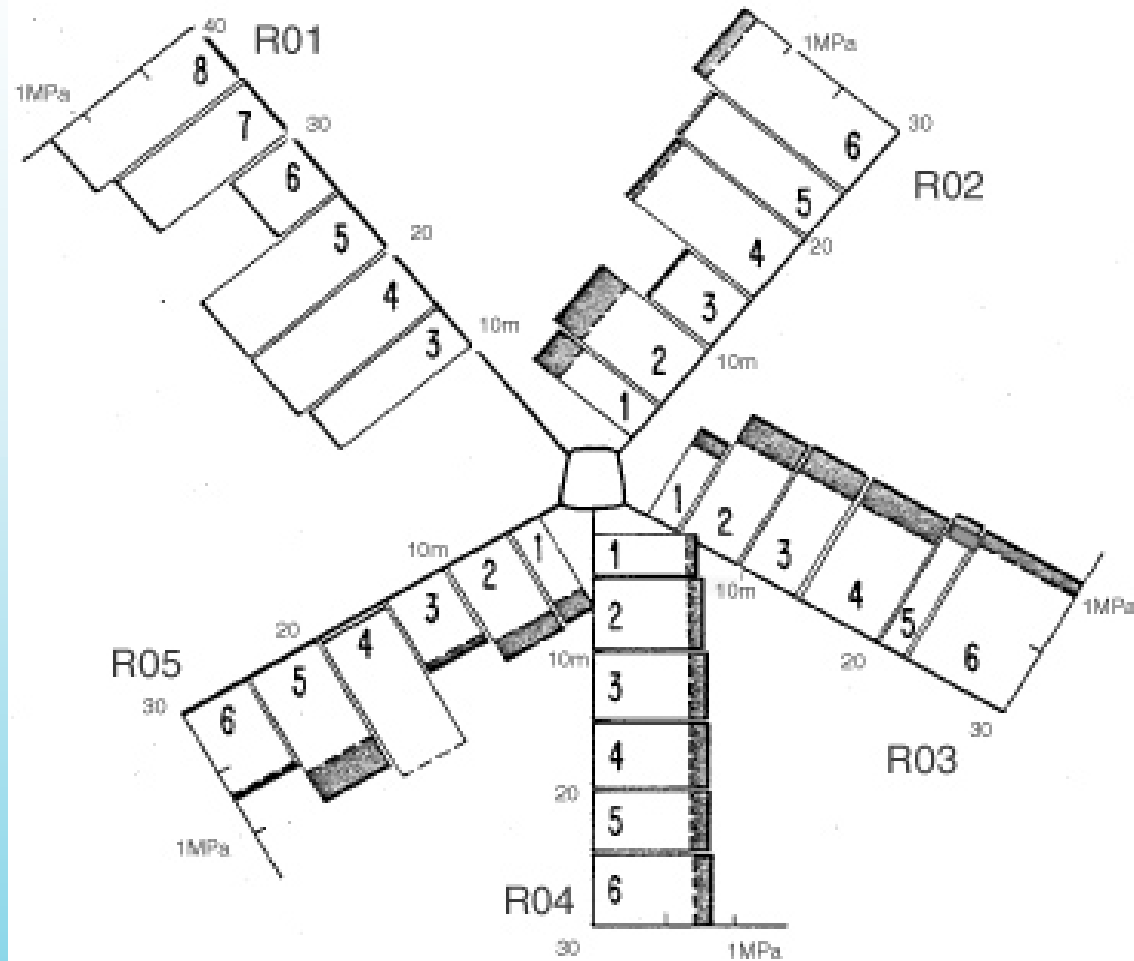
Underground garden
outside the computer room
at Stripa planted by the
Swedish miners.



[after Wilson et al., 1981]

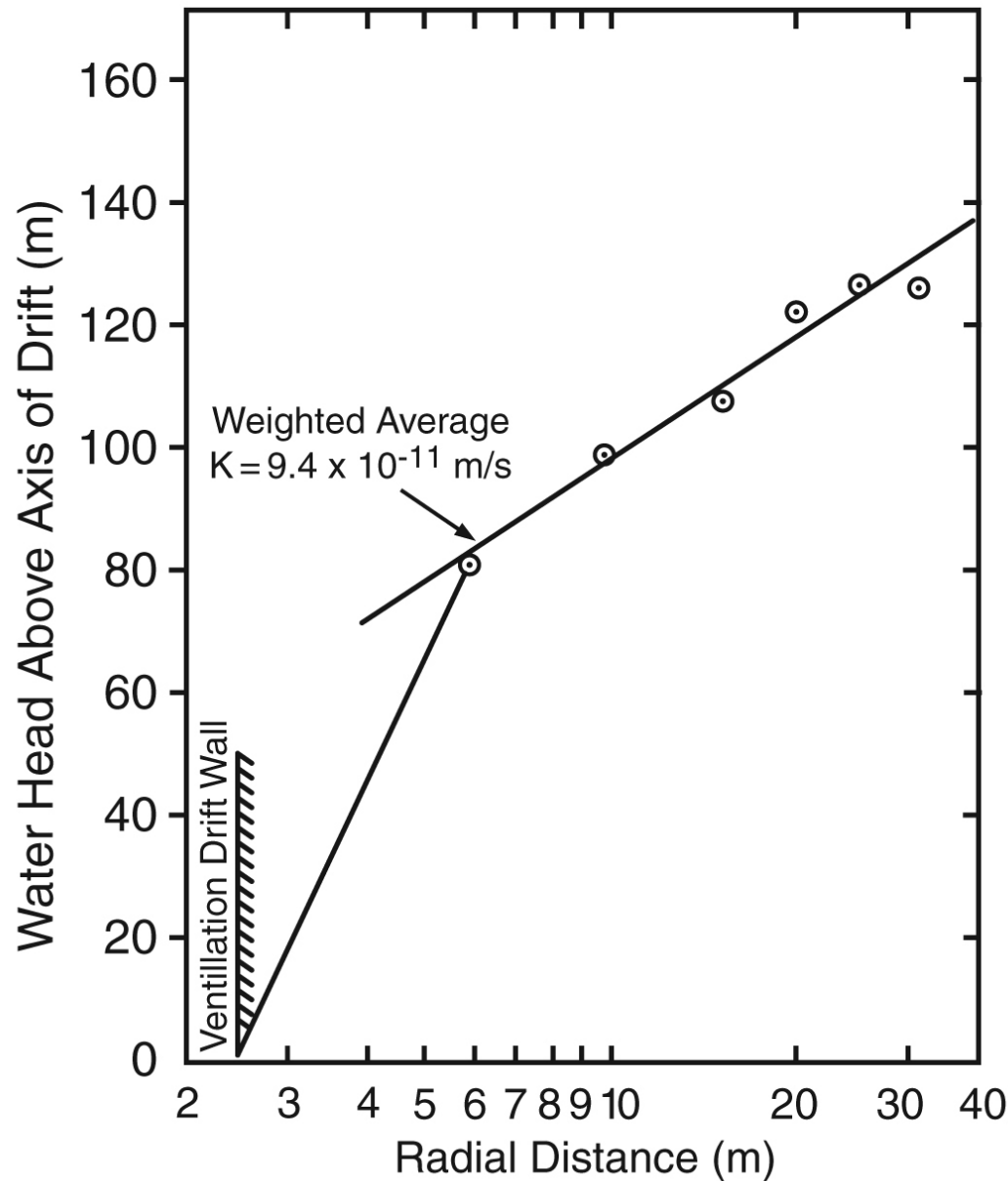
XBL 819-11583

Schematic view and layout of equipment used in large-scale permeability test.



[after Wilson et al., 1981]

Pressure measurements in radial borehole of large-scale permeability test. Stippled area show pressure increase 8 days after packing off R01.



Distance-drawn down plot
for observed pressures
with air temperature of
30°C.

[after Wilson et al, 1983]

Summary of Hydrologic Characterization and Coupling to Other Processes

- **Geometry of Faults and Fracture Network**
- **Permeability from Core to Kilometer Drift Scales (Scale Dependence)**
- **Heterogeneity and Channeling**
- **Depth Dependence**
- **Directional Dependence**

The Coupled Problem

GEO-H



GEO-T



GEO-B



GEO-M



GEO-C

